



INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

ATTY DOCKET NO.

NEC N0020

SERIAL NO.

09/707,816

APPLICANT(S)

Sugawara et al

FILING DATE

November 7, 2000

GROUP

2673

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
TS	5,764,216	6/9/98	Tanaka et al	345	147	
TS	4,942,458	7/17/90	Miyajima et al	358	29	

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
TS	3-171891	7/25/91	Japan (w/English abstract)	H 04 N	9/31		✓
TS	8-289236	11/1/96	Japan (w/English abstract)	H 04 N	5/74		✓
TS	5-19725	1/29/93	Japan (w/English abstract)	G 09 G	3/36		✓
TS	11-15444	1/22/99	Japan (w/English abstract)	G 09 G	3/36		✓
TS	1-124827	5/17/89	Japan (w/English abstract)	G 02 F	1/133		✓

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER

Tom V. Sheng

DATE CONSIDERED

3/5/03

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

